The Carrier Battle Group

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COMNAVAIRPAC

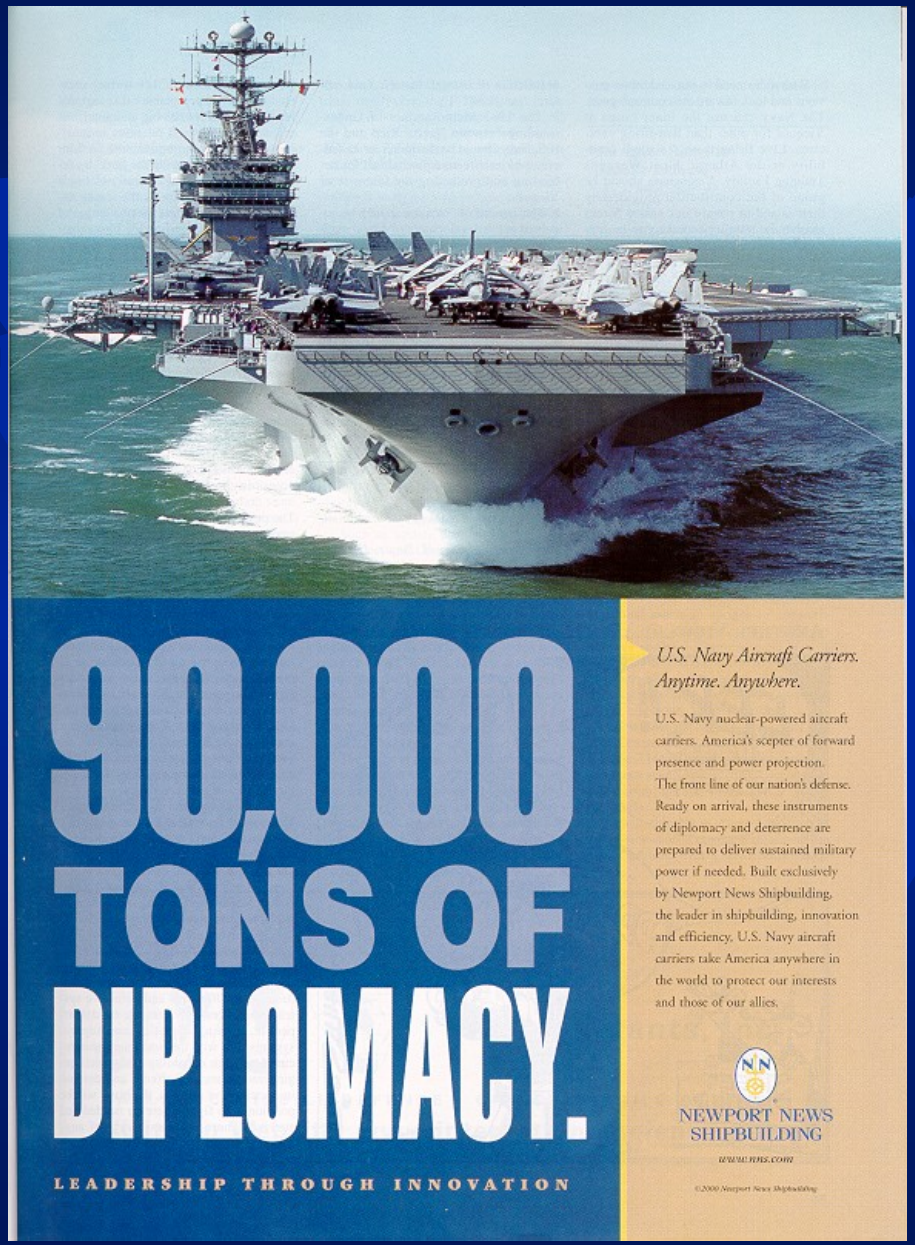
Force Medical Officer

Overview

- Carrier Battle Group
  - Mission, Structure, Composition
- CVBG Medical Assets
- Aircraft Carrier
  - Mission, Capabilities
- CV(N) Medical Department
  - Composition
  - Capabilities
  - Staffing

Carrier Battle Group - Mission

- No fixed definition of CVBG
- Flexible range of responses
  - Power projection ashore
  - Showing the flag "90,000 tons of diplomacy"
  - Protection of sea lanes
  - Protection of an amphibious force
- 4.5 acres of sovereign US territory


90,000
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CVBG Structure

- Battle Group Commander
  - 1 or 2 star flag officer
- Carrier Group
  - Aviator
  - COMCARGRU
- Cruiser-Destroyer Group
  - Surface Warfare Officer (shoe)
  - COMCRUDESGRU

CVBG Structure

- **Reporting directly to the Battle Group:**
  - **Aircraft Carrier Commanding Officer**
  - **Carrier Air Wing Commander (CAG)**
  - **Destroyer Squadron Commander (DESRO**
  - **Submarines**
  - **SEAL Detachment**
  - **Others**

Battle Group Ships

- Aircraft Carrier (CV, CVN)
- 1-2 Guided Missile Cruisers (CG)
- 1-2 Guided Missile Destroyer (DDG)
- ? Destroyer (DD)
- Frigate (FFG)
- 2 Attack Submarines (SSN)
- Fast Combat Support Ship (AOE)

Guided Missile Cruiser

- Ticonderoga Class
- Usually near the carrier - airspace defense with AEGIS radar
- Tomahawk shooter
- 1 IDC, 2 HMs
- SH-60 Helo detachment

Guided Missle Destroyer (DDG)

- *Arleigh Burke* class
- Tomahawk shooter
- 1 IDC
- Newer models will have embarked helo detachments

Frigate

- *Oliver Hazard Perry* class
- Surface combatant, ASW role, Tomahawk shooter
- 1 IDC
- 2 plane LAMPS SH-60 det

Attack Submarine

- Los Angeles Class
- Rarely seen on surface
- Defend carrier
- Best ASW platform
- Single IDC

Fast Combat Support (AOE)

- Provides fuel, ammunition, provisions, stores, fleet freight, mail, through either alongside or vertical replenishment
- **GMO, several HMs**
- **CH-46 helicopter detachment**

Carrier Air Wing (CVW)

Carrier Air Wing

- CAG Staff
- Squadrons
  - F-14 (VF)
  - 3 F/A-18 (VFA, VMFA)
  - E-2 (VAW)
  - EA-6 (VAQ)
  - S-3 (VS)
  - SH-60 (HS)
  - C-2 Det (VRC)
- 2 Flight Surgeons per wing, 1 AVT per squadron

Aircraft Carrier

CV(N) Medical Officer Billets

- Senior Medical Officer (Flight Surgeon)
- General Surgeon
- General Medical Officer
- Physician Assistant
- Critical Care Nurse
- Medical Administrative Officer
- Clinical Psychologist, Physical Th
- Air Wing Flight Surgeons (2-3)
- Anesthesiologist or Nurse Anesthetist (TAD)

CV(N) Medical Enlisted Manning

- 39 Corpsmen (1 HMCM, 1-2 HMC)
- 2 Independent Duty Corpsmen
- Ratings:
  - Laboratory, X-Ray, Pharmacy
  - Operating Room Technicians
  - Preventive Medicine
  - Aviation Medicine
  - Radiation Health, Administration
  - Biomedical Equipment Repair
  - Physical therapy, Psychology
- 8-9 Airwing Squadron HMs (AVTs)

CV(N) Medical Facilities

- Inpatient Ward - 40-60 Beds
  - 2 Isolation Rooms - 4 Beds Each
- Intensive Care Unit - 3 Beds
- Trauma / Resuscitation Room
- Main Operating Room
- Laboratory, Radiology, Audiology
- Pharmacy, Aviation Medicine
- Eye lane / Spectacle fabrication
- 6 Battle Dressing Stations

CV(N) Medical Capabilities

- Single Operating Room
- 2 OR techs
- Laparoscopy
- Ultrasound
- Endoscopy (EGD, colonoscopy, bronchoscopy)

CV(N) Medical Capabilities

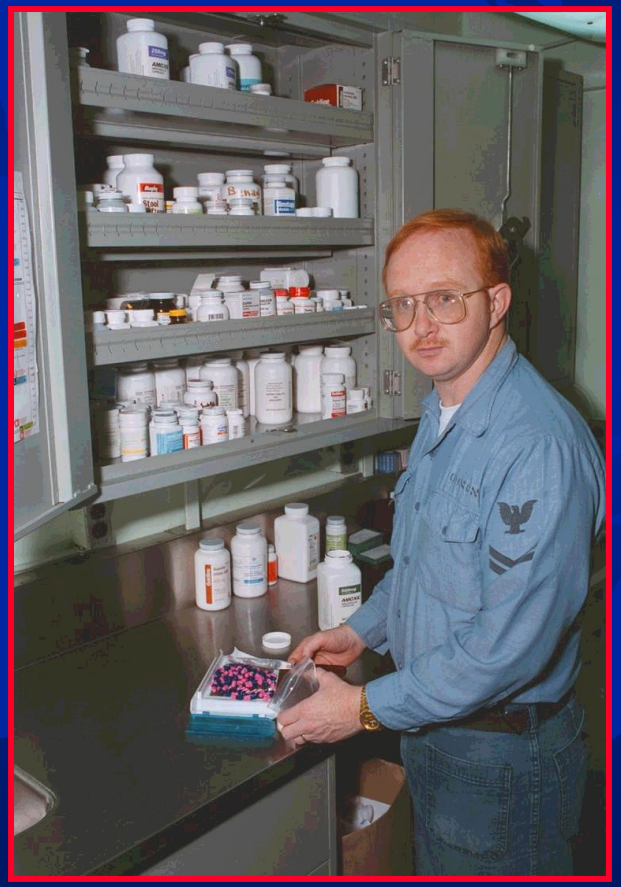
- Intensive Care Unit
- 3 Beds
- 2 ventilators
- Bedside monitoring
- Functions as PACU

CV(N) Medical Capabilities

- Inpatient Ward
- 40-60 racks
- Average census while deployed: 7
- 1 nurse, 1-2 ward HMs

CV(N) Medical Capabilities

- Pharmacy
- Broad AMMAL
- NMOP utilized for some non-AMMAL drugs
- Single pharmacy technician



CV(N) Medical Capabilities

- Laboratory
- 2 lab techs
  - Full chemistry
  - Cardiac Enzymes
  - PT/PTT
  - Hematology
  - Microbiology
  - Blood Gases

CV(N) Medical Capabilities

- Radiology
- Single table
- Radiology tech
- Ultrasound
- Computed Radiology, teleradiology on some

CV(N) Medical Capabilities

- Physical Examinations
- Complete shop
- Aviation, Ionizing Radiation PEs

CV(N) Medical Capabilities

- Optometry
- 20’ eye lane
- Slit lamp
- Optical fabrication shop

CV(N) Medical Capabilities

- Treatment Room
- AKA Main BDS

CV(N) Medical Department

Monthly Workload - Deployed

Sickcall Visits	1028
Physicals	138
Lab Tests	3163
X-Rays	257
Pharmacy Units	3119
Surgery (Major/Minor)	4 / 46
Emergency Responses	8
MEDEVACs	29

MEDEVAC Capability

- Landing for any deployed aircraft
- Weapons elevators for vertical patient movement

MEDEVAC Aircraft

- C-2A *Greyhound*
- 28 passengers (seated)
- Reconfigurable cargo area
- Open rear ramp
- 300 knots
- 1300 nm range
- Catapult launched

MEDEVAC Aircraft

- SH/HH-60 *Seahawk*
- Vertical hoist
- 1 litter plus 1 attendant (SH-60)
- 1-2 litters plus 2-3 attendants (HH-60)
- 100 nm range
- 140 knots

MEDEVAC Aircraft

- CH-46
- On support ships (AO, AOE)
- 12 litters plus 2 attendants
- 100 nm range
- 100 knots

Questions ?

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